Data Boot Camp Grading Rubric

Module 19 - Supervised Machine Learning Homework - Predicting Credit Risk

Instructions:

Evaluate the homework against the outlined criteria in the below rubric, assigning a rating to each criterion. Add points earned across all criteria and convert the total points to a letter grade, assigning a “+” or “-” letter grade designation at your discretion.

A (+/-)	90+	C (+/-)	70-79	F (+/-)	<60
B (+/-)	80-89	D (+/-)	60-69		

Notes:

The deployed assignment utilizes the **sklearn** library to train models on a set of data and used to make predictions. The source code should also be deployed to **GitHub** or **GitLab**.

Rubric for Predicting Credit Risk :

	Proficiency 100 to > 90 points	**Approaching Proficiency 89 to > 80 points**	**Developing Proficiency 79 to > 60 points**	**Emerging 59 to > 0 points**	**Incomplete**
Data Preprocessing	The submission does all of the following: ✓ X and y variables are created ✓ The y variable contains the loan_status column ✓ The train_test_split function is called on X and y together ✓ Data is correctly split into a training and test set	The submission does 3 of the following: ✓ X and y variables are created ✓ The y variable contains the loan_status column ✓ The train_test_split function is called on X and y together ✓ Data is correctly split into a training and test set	The submission does 2 of the following: ✓ X and y variables are created ✓ The y variable contains the loan_status column ✓ The train_test_split function is called on X and y together ✓ Data is correctly split into a training and test set	The submission does 0-1 of the following: ✓ X and y variables are created ✓ The y variable contains the loan_status column ✓ The train_test_split function is called on X and y together ✓ Data is correctly split into a training and test set -OR- ✓ No preprocessing done	No submission was received -OR- Submission was empty or blank -OR- Submission contains evidence of academic dishonesty

Data Boot Camp Grading Rubric

Module 19 - Supervised Machine Learning Homework - Predicting Credit Risk

Reflection and Reporting	The submission does all of the following: ✓ Makes a prediction on which model will perform better on the data. The prediction is made with adequate justification. (Note: no points are removed for predictions that prove to be incorrect) ✓ Makes a comparison between predicted behavior of the models and the actual results and gives adequate reasoning	The submission does the following: ✓ Makes a prediction on which model will perform better on the data. The prediction is made with adequate justification. (Note: no points are removed for predictions that prove to be incorrect) ✓ Makes a comparison between predicted behavior of the models and the actual results, but fails to give adequate reasoning	The submission does 1 of the following: ✓ Makes a prediction on which model will perform better on the data. The prediction is made with adequate justification. (Note: no points are removed for predictions that prove to be incorrect) ✓ Makes a comparison between predicted behavior of the models and the actual results .	The submission does none of the following: ✓ Makes a prediction on which model will perform better on the data. The prediction is made with adequate justification. (Note: no points are removed for predictions that prove to be incorrect) ✓ Makes a comparison between predicted behavior of the models and the actual results	
Model Creation	The submission does all of the following: ✓ Creates and trains a `LogisticRegression` model ✓ Scores a `LogisticRegression` model ✓ Creates and trains a `RandomForestClassifier` model ✓ Scores a `RandomForestRegression` model	The submission does 3 of the following: ✓ Creates and trains a `LogisticRegression` model ✓ Scores a `LogisticRegression` model ✓ Creates and trains a `RandomForestClassifier` model ✓ Scores a `RandomForestRegression` model	The submission does 2 of the following: ✓ Creates and trains a `LogisticRegression` model ✓ Scores a `LogisticRegression` model ✓ Creates and trains a `RandomForestClassifier` model ✓ Scores a `RandomForestRegression` model	The submission does 0-1 of the following: ✓ Creates and trains a `LogisticRegression` model ✓ Scores a `LogisticRegression` model ✓ Creates and trains a `RandomForestClassifier` model ✓ Scores a `RandomForestRegression` model -OR- ✓ Only uses non-classification models	